



Neill-Hildon

HARDWARE PRODUCTS



HACKSAWS
HAND TOOLS
MAGNETIC TOOLS



MICROMETERS
PRECISION TOOLS



SPANNERS
AND WRENCHES



ENGINEERS AND
PRECISION FILES



PLIERS, NIPPERS
AND PINCERS



Neill-Hildon

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S & C TOOLS & SERVICES LTD.
489 GRAY'S ROAD NORTH
STONE CREEK, ONTARIO
561-7600

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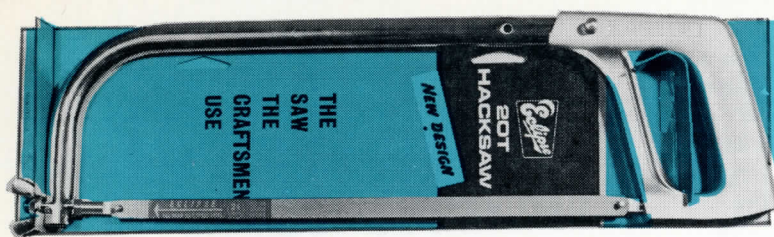
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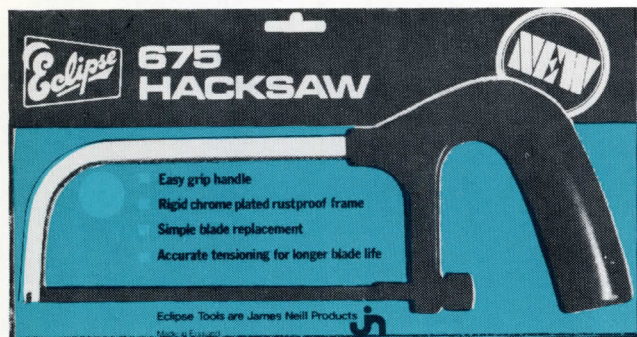
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Eclipse hacksaw frames and blades



20T — SINGLE PACK



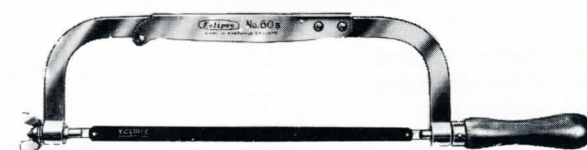
675 — 5 PACK



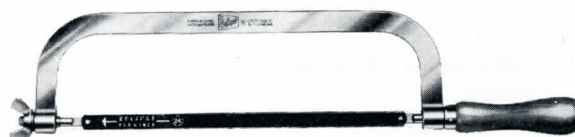
40PG — SINGLE PACK



85 — SINGLE PACK



60B — 5 PACK



1270 — 5 PACK

Adj — Adjustable Frames accept both 12" and 10" blades.
Fixed Frames accept 12" blades.

A feature of all ECLIPSE hacksaw frames is that the blade can be fitted at right angles to the normal direction, affording the benefit of sawing in some otherwise inaccessible positions, or where the depth of cut exceeds the depth of the bow.

HACKSAW FRAMES

Number	20T	40PG	85	60B	1270	675
	Adj	Adj	Adj	Adj	Fixed	Fixed

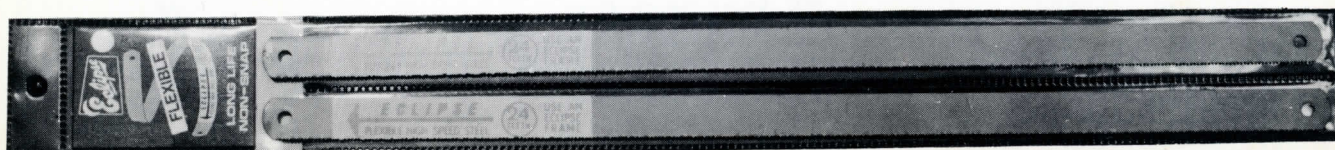
HAND HACKSAW BLADES

				HIGH SPEED STEEL FLEXIBLE	HIGH SPEED STEEL ALL HARD	HI-CUT ELECTRON BEAM WELDED EDGE	LOW ALLOY FLEXIBLE
LENGTH	WIDTH	THICK- NESS	TEETH PER IN.	CODE NO.	CODE NO.	CODE NO.	CODE NO.
10"	1/2"	.025	18	100007	100120		102212
			24	100010	100201		102225
			32	100023	100214		102238
12"	1/2"	.025	14	100036	100227	101718 101721	102306
			18	100049	100308		102319
			24	100052	100311		102322
			32	100104	100324		102403



VISUALLY MERCHANDISED BLADES

Packed 1 pair in sleeves No. 100117 12 x 1/2 x 24 Flexible Steel Blades



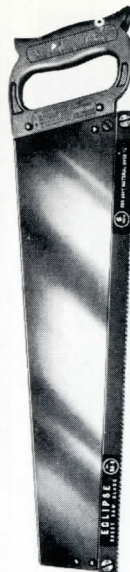
Eclipse general purpose saws & blades



66X — SINGLE PACK



660X — BLADES



56S — SINGLE PACK



55S — SINGLE PACK

ECLIPSE GENERAL PURPOSE SAWS

The tapered blade has a low-friction Xylan coating to make sawing easier. The same blade cuts both wood and metal and is invaluable for all the odd jobs about the house.

The lock nut enables the blade to adjust easily to any nine angles.

No.	Length	Spare Blade No.	Length	Thickness	Teeth
66X	17-7/8"	660X	14 3/4"	0.050	10

ECLIPSE SHEET SAWS

For cutting sheets, plain or corrugated, made from steel, brass, copper, aluminum etc., and will also cut the thinner sheets of asbestos, plastic, slate and similar materials. This saw uses a standard 12" hacksaw blade.

No.	Length
55S	16 1/4"

The saw is designed to cut thicker sheets and many abrasive materials: asbestos-cement, cement-woodwool, insulation slabs, thermo-plastic bricks, metal covered plywood, plastic moulding, formica, etc.

No.	Length
56S	20 1/2"

BLADES FOR NO. 56S

Blades				
5606.....	6 teeth	5610.....	10 teeth	5614.....14 teeth
				Pack 10

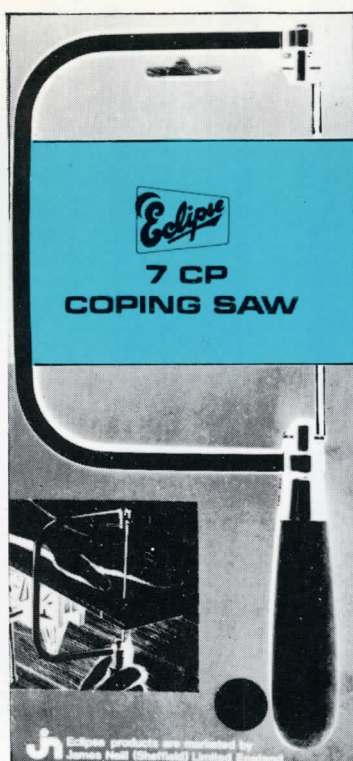
junior saw, coping saw, blades and trimmer



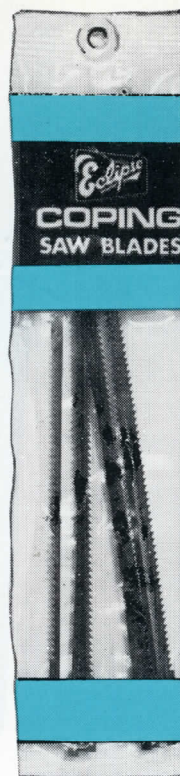
14J 10 Per Pack



MB1T
100 Per Pack



7CP 5 Per Pack



MB51X
100 Per Pack



2005 — 5 Per Pack

JUNIOR SAW FRAMES

Improved design for easier blade replacement. Plastic protectors prevents protrusion of blade. Spring-tension holds blade firmly in position.

No. 14J Depth of Bow: 2-1/8"

JUNIOR SAW BLADES

No. MB1T Length: 6" Teeth: 32

COPING SAW FRAMES

7CP Correct tension is applied to the blade by turning handle. Can cut at any angle.

No. 7CP Depth of Bow: 4-3/4"

COPING SAW BLADES

No. MB51X Length: 6-9/16" Teeth: 14

PLASTIC LAMINATE TRIMMER

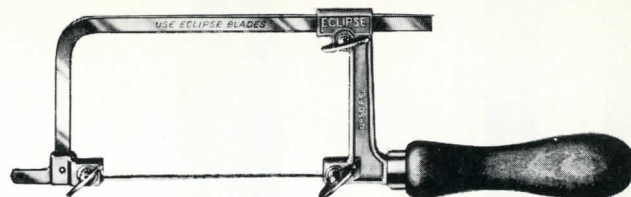
No. 2005 No need to mark out. Guide arm positions blade exactly along straight or curved profiles.

Has an adjustable stop to enable edging strips to be cut quickly and simply. Features built-in beveller.

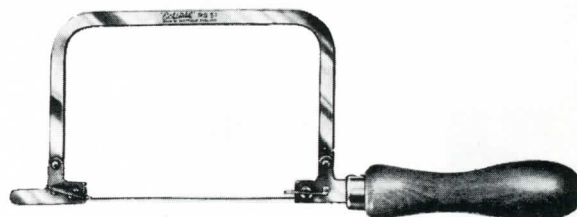
fret and piercing saw frames and blades



FS70 — SINGLE PACK



PS50 — SINGLE PACK



PS51 — 5 PER PACK

FRET SAW AND PIERCING SAW FRAMES

No.	Description	Blade Length	Depth of Bow
FS70	Fret saw frame	5"	1 1/2"
PS50	Piercing saw frame (adjustable)	6"	2 3/4"
PS51	Piercing saw frame (non-adjustable)	5"	3 1/2"

FRET SAW BLADES

For hand and light machine sawing of Wood, Bone, Fibre, Ivory, Horn, Plastics, etc. Length 5 inches.

No.	Teeth	Width	Thickness	Pack
W1/0	32	0.034"	0.011"	100
W0	22	0.037"	0.011"	100
W1	22	0.039"	0.014"	100
W2	18	0.043"	0.014"	100
W3	18	0.047"	0.014"	100
W4	16	0.051"	0.017"	100
W5	16	0.055"	0.020"	100
W6	16	0.060"	0.022"	100

PIERCING SAW BLADES

For hand and light machine sawing of Gold, Steel, Copper, Brass, Aluminum, Nickel etc. Length 5 inches.

No.	Teeth	Width	Thickness	Pack
M4/0	80	0.018"	0.006"	100
M3/0	80	0.019"	0.007"	100
M2/0	60	0.021"	0.008"	100
M1/0	60	0.023"	0.009"	100
M0	60	0.025"	0.010"	100
M1	52	0.026"	0.011"	100
M2	44	0.027"	0.012"	100
M3	44	0.030"	0.014"	100
M4	32	0.032"	0.015"	100
M5	32	0.036"	0.017"	100

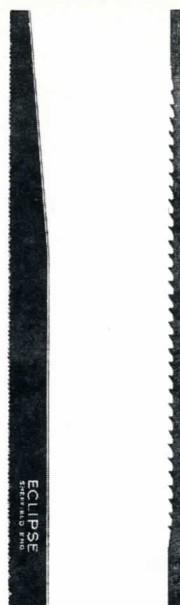
pad handles, multiple tool and blades



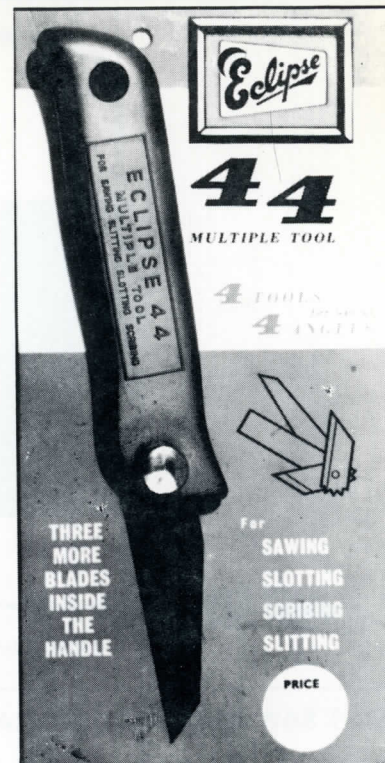
12PH — 5 PER PACK



15PH — SINGLE PACK



NO. 18 — KEY HOLE SAW BLADES
10 PACK
JIG SAW BLADES
10 PACK



E44 — MULTIPLE TOOL SINGLE PACK

PAD HANDLES

ECLIPSE Pad handles for sawing with new or broken hacksaw blades, key hole saw blades, pad saw blades and warding files.

No.	Description	Length
12PH	Pad Handle — metal die-cast body	5"
15PH	Pad saw handle	8"

KEY HOLE SAW BLADES

No.	Length	Width	Thickness	Teeth	Pack
18	7-1/2"	1/2"	0.032	18	10

JIG SAW BLADES

For machine sawing of Steel, Copper, Brass, Aluminum, Nickel, Plastic Laminates, Wood, Bone, Ivory, Horn, etc.
Length 6 1/4".

No.	Width	Thickness	Teeth	Pack	
A7P	0.250"	0.028	7	10	(Pinned only)
B10P	0.187"	0.028	10	10	(Pinned only)
C7P	0.187"	0.022	7	10	(Pinned only)
D10	0.110"	0.020	10	10	} Available pinned or unpinned. Add suffix 'P' for pinned.
D16	0.110"	0.020	16	10	
E22	0.070"	0.017	22	10	

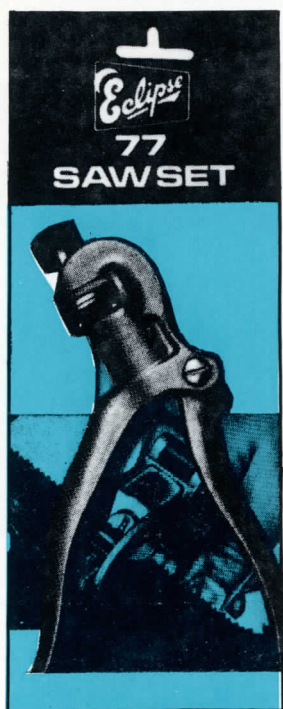
E44 MULTIPLE TOOL

Die cast handle is secured by a knurled screw which clamps the blades in any of 4 positions. Spare blades may be stored in handle.

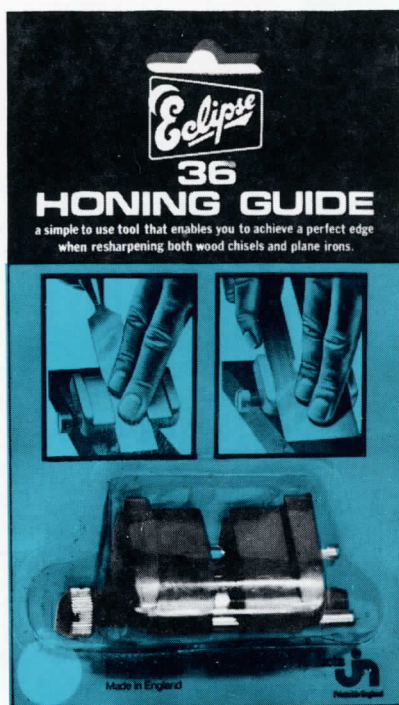
BLADES FOR E44

- 441 — Sawing blade — Pack 6 — with 32 teeth/inch.
- 442 — Slotting blade — Pack 6 — to slot broken studs and damaged screw heads.
- 443 — Slitting Blade — Pack 6 — for cutting linoleum, rubber, leather, etc.
- 444 — Scribing Blade — Pack 6 — for wood scribing and to cut rubber, linoleum, rubber, leather, etc.

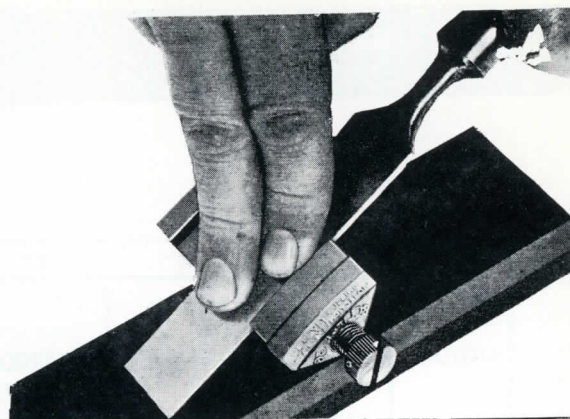
saw set, honing guide, trammel heads, tank and washer cutter



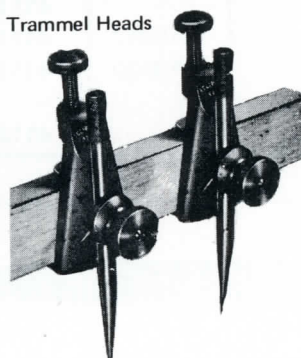
77SS – SINGLE PACK



36 – 5 PACK



Trammel Heads



33 – SINGLE PACK

Tank and Washer Cutter



SINGLE PACK

SAW SET

Fully adjustable for setting teeth of specific types of saws.

No.	Description	Capacity/Tooth Size	Saw Thickness
77SS	For hand saws only	4 to 12 point per inch	Up to 16G

HONING GUIDE

To hold wood chisels and plane irons at the required angle.

No. 36 Capacity: Wood chisels and plane irons from 1/16" to 2-5/8" wide.

TRAMMEL HEADS

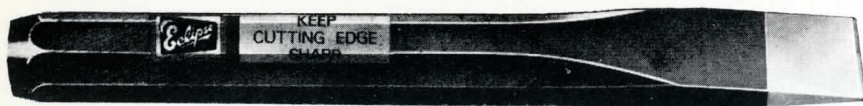
No. 33 Capacity of clamp: Beams from 3/4 to 1-1/2 inches wide.

TANK AND WASHER CUTTER

For use in a carpenter's brace, or hand drill. Tank cutter blade will cut holes from 1 in. to 5 in. diameter from leather, rubber, plastics etc.

No.	Description	Shank	Overall Length
280	Tank and washer cutter	Standard bit stock	4-1/2"
281	Tank cutter	Standard bit stock	4-1/2"

cold chisels, carbon & nickel alloy



No. CS5434 — Set of 5 chisels.
4" x 1/4", 5" x 3/8", 6" x 1/2",
7" x 5/8", 8" x 3/4"

FLAT CHISELS

Length	1/4"	3/8"	1/2"	5/8"	3/4"	7/8"	1"
4"	410629	410713	—	—	—	—	—
5"	—	410726	—	—	—	—	—
6"	410700	410807	410823	411000	411220	—	—
7"	—	—	—	411013	—	—	—
8"	—	410810	410904	411026	411301	411518	411628
9"	—	—	—	411107	411314	411521	411709
10"	—	—	410917	411110	411327	411602	411712
12"	—	—	410920	411123	411408	411615	411725
14"	—	—	—	—	411411	—	411806
18"	—	—	—	411217	411424	—	411819



CONCRETE POINT

A pointed chisel for breaking up concrete.

Catalogue No.	Width	Length	Pack
411903	5/8"	10"	10
411916	3/4"	12"	10
411929	1"	12"	5



CROSSCUT

For cutting slots in key-ways etc.

Catalogue No.	Width	Length	Pack
412216	3/8"	5"	10
412229	1/2"	6"	10
412300	5/8"	7"	10
412313	3/4"	8"	10



NICKEL ALLOY STEEL CHISELS

No.	Width	Length	Pack
413121	5/16"	4"	5
413202	3/8"	4-1/2"	5
413215	7/16"	5"	5
413228	5/8"	6"	5
413309	3/4"	7"	5
413312	7/8"	8"	5
413325	1"	9"	5
413406	1-1/8"	10"	5

FLAT NICKEL ALLOY CHISELS IN PLASTIC WALLET

No. NA 5578
SET OF 5 CHISELS
Similar to CS5434 above.
Consists of:

4" x 5/16"
5" x 7/16"
6" x 5/8"
7" x 3/4"
8" x 7/8"

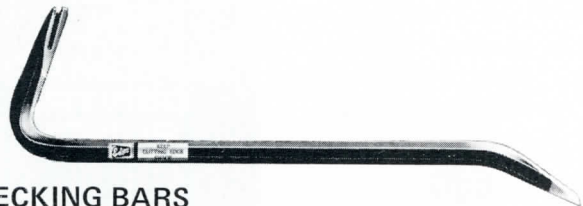
Eclipse punches, bars, bolsters, nail sets



CORRUGATED IRON PUNCH

For punching holes in corrugated sheets.

No.	Diameter	Length	Pack
412711	5/8"	7"	10



WRECKING BARS

For opening packing cases, dismantling wooden crates, etc.

No.	Length	Width	Pack
412601	18"	5/8"	3
412614	18"	3/4"	3
412627	24"	3/4"	3
412708	30"	3/4"	3



PLUGGING CHISELS (FLUTED)

For cutting slots in brickwork for wall fixtures.

No. 412821 Length: 10" Pack: 5

PLUGGING CHISELS (PLAIN)

No. 412818 Length: 10" Pack: 5



FLOOR BOARD CHISELS

For cutting the tongue from floor-boarding.

No.	Length	Blade Width	Pack
412915	9"	2-1/2"	5



BRICK BOLSTERS

For cutting bricks.

No.	Blade Width	Length	Pack
412928	3"	9"	5
413008	3-1/2"	9"	5
413011	4"	8"	5
413105	4"	10"	5



CENTRE PUNCHES

ROUND HEAD

No.	Dia.	Length	Pack	No.	Dia.	Length	Pack
81A	1/8"	4"	10	83A	1/4"	5"	5
81B	5/32"	4"	10	85A	3/8"	6"	5
81C	3/16"	4"	10	86A	1/2"	7"	5
81D	1/4"	4"	10				



SQUARE HEAD

No.	Dia.	Length	Pack	No.	Dia.	Length	Pack
351A	1/8"	4"	10	351C	3/16"	4"	10
351B	5/32"	4"	10	351D	1/4"	4"	10
351W - Wallet containing 351A, B, C & D.							



NAIL SETS

ROUND HEAD

No.	Dia.	Length	Pack	No.	Dia.	Length	Pack
82A	1/16"	4"	10	82D	5/32"	4"	10
82B	3/32"	4"	10	82E	3/16"	4"	5
82C	1/8"	4"	10				



SQUARE HEAD

352A	1/16"	4"	10	352C	1/8"	4"	10
352B	3/32"	4"	10	352D	5/32"	4"	10
352W - Wallet containing 352A, B, C & D.							

MODEL MAKERS



CENTRE PUNCHES

Diameter	Length	Pack
5/64"	2-1/4"	10
1/8"	2-3/4"	10
9/64"	3-3/8"	10
No. 265 - Set of three.		

PIN PUNCHES

Diameter	Length	Pack
1/16"	2-1/4"	10
5/64"	2-3/8"	10
3/32"	2-1/2"	10
No. 266 - Set of three.		

Eclipse punches



DRIVE PUNCHES

No.	Diameter	Length	Pack	PRICK PUNCH			
87	5/32"	6"	5	No.	Diameter	Length	Pack
88	3/16"	7"	5	79	3/32"	4"	10
188	1/4"	8"	5				



INSERTED PIN PUNCHES

No.	Diameter	Length	Pack
84A	1/16"	4"	10
84B	3/32"	4"	10
84C	1/8"	4"	10
84D	3/16"	4-1/4"	10
84E	1/4"	5"	5
84F	5/16"	6"	5
84G	3/8"	7"	5

84W Wallet containing one of each.



EXTRA LONG INSERTED PIN PUNCHES

No.	Diameter	Length	Pack
89A	1/8"	4"	5
89B	3/16"	4-1/4"	5
89C	1/4"	5"	5
89D	5/16"	6"	5
89E	3/8"	7"	5

89/1W Wallet containing one of each.



PARALLEL PIN PUNCHES

No.	Diameter	Length	Sets			Pack
			161F	161G	161J	
161AA	1/16"	4"	—	X	X	10
161A	3/32"	4"	X	X	X	10
161B	1/8"	4"	X	X	X	10
161CC	5/32"	4"	—	—	X	10
161C	3/16"	4"	X	X	X	10
161DD	7/32"	4"	—	—	X	10
161D	1/4"	4"	X	X	X	10
161E	5/16"	6"	X	—	X	5
161JW	Wallet containing one of each.					

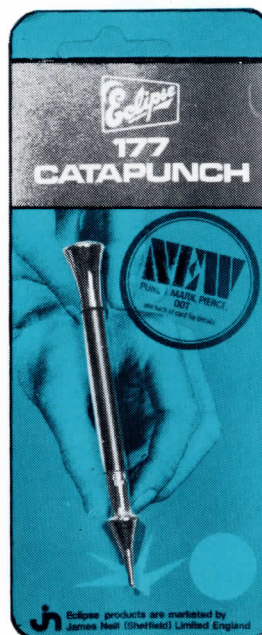
AUTOMATIC CENTRE PUNCH No. E171(RD)

Length: 4-11/16" Pack 1

Pressure can be adjusted simply by turning the knurled head. All parts are interchangeable and easily replaced, but do not dismantle any Automatic Centre Punch without reference to the Service Instructions.



CATAPUNCH No. 177 — Length: 4-1/8" Pack 10

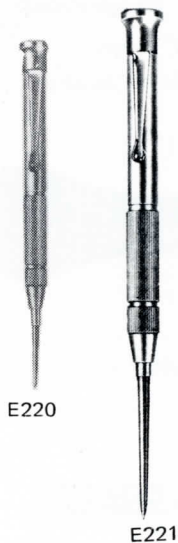


Can mark a light dot immediately followed by a heavy machining starter without adjustment. The Catapunch can also make indentations to start small wood screws.

scribers and scrapers

POCKET SCRIBERS

E220 3-1/2" closed Pack 10
E221 4-3/8" closed Pack 10



E220

E221



E225 3-1/2" closed Pack 10
Tungsten Carbide point.



HANDY SCRIBER

No. Length Pack
E229 7" 5



78

E222-7"
E223-8"

E224

E227

SCRIBERS

No.	Length	Pack
78	8"	10
E222	7"	10
E223	8"	10
E224	5-5/16"	10
E227	4-1/2"	10

THREE-SQUARE SCRAPER

No.	96A	97A	99A	101A	Pack
Blade Length	4"	5-1/2"	8"	12"	5



FLAT SCRAPER

No.	96B	97B	99B	101B	Pack
Blade Length	4"	6"	8"	12"	5



CURVED HALF-ROUND SCRAPER

No.	96C	96D	97C	97D	101D	Pack
Blade Length	4"	5"	6"	8"	12"	5

SCRAPER SETS

No. 96 containing 96A, B, C, D.

No. 97 containing 97A, B, C, D.



256



257

ERECTOR'S SCRAPER

256	Flat cutting edge 8-1/4 in. blade.	Pack: 5
257	Curved cutting edge 9 in. blade.	Pack: 5



258

BEARING SCRAPER

No.	258/4	258/6	258/8	Pack
Blade Length	4"	6"	8"	5

No. 258 SET OF THREE



533BS

BEARING SCRAPER

533BS	3 cutting edges.	Pack 5
-------	------------------	--------

screwdrivers



POCKET

No.	Blade Size	Pack
421	2-1/2" x 1/8"	10



CHUBBY

No.	Blade Size	Pack
419	1-1/2" x 1/4"	10



ELECTRICIANS

No.	Blade Size	Pack
415/4	4" x 3/16"	10
415/6	6" x 3/16"	10
415/8	8" x 3/16"	10



ENGINEERS – SQUARE BLADE

No.	Blade Size	Pack
422/6	6" x 5/16"	5
422/8	8" x 3/8"	5
422/12	12" x 3/8"	5



ENGINEERS – ROUND BLADE

No.	Blade Size	Pack
417/4	4" x 1/4"	10
417/6	6" x 5/16"	10
417/8	8" x 3/8"	5
417/10	10" x 3/8"	5
417/12	12" x 3/8"	5



SCREWDRIVERS – PHILLIPS AND POZIDRIV

Phillips	Pozidriv	Point Size	Blade Length	Pack
No. 423/P1	425/1	1	3"	10
No. 423/P2	425/2	2	4"	10
No. 423/P3	425/3	3	6"	5
No. 423/P4	425/4	4	8"	5



CHUBBY

Phillips	Pozidriv	Point Size	Blade Length	Pac
No. 424/P1	426/1	1	1"	5
No. 424/P2	426/2	2	1 1/2"	5



HEAVY DUTY SCREWDRIVERS (Single Pack)

288/5 – 11" overall length, 5" blade, 5/16" square.

288/11 – 18" overall length, 11" blade, 5/16" square.



KNURLED TURNSCREW (5 Pack)

283 – Knurled finger-grip on blade assists in steadying small screws. Blade lengths: 1 1/2", 2 1/2", 3 1/2", 6".



POCKET SCREWDRIVER

76 – 3-1/2" long when closed, 9/32" diameter. (5 Pack.)

760 – 4-5/16" long when closed, 3/8" diameter. (5 Pack.)



RATCHET SCREWDRIVER (Single Pack)

Blade Length

950 Polished hardwood handle 1/4" dia. 2", 3", 4", 5", 6"



RATCHET SCREWDRIVERS (Single Pack)

Blade Length

950P Translucent plastic handle 1/4" dia. 2", 3", 4", 5", 6"

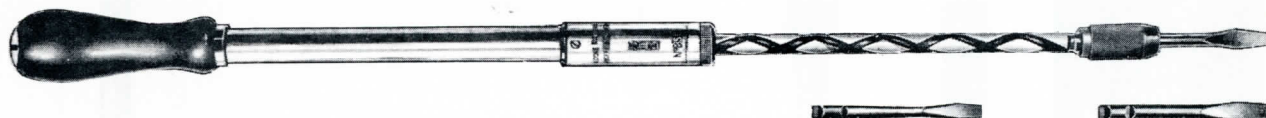


RATCHET SCREWDRIVER (Single Pack)

Blade Length

950L Polished hardwood handle 3/16" dia. 1", 2", 3", 4"

screwdrivers



SPIRAL RATCHET SCREWDRIVERS

Size	No.	Length Extended	Length Closed	Blades	Included
Small	849	14-1/4"	11"	849A	5/32"
	849RD			849B	3/16"
				849C	7/32"
				849Z	Set of three blades
Medium	850	19-1/2"	14-5/8"	850A	7/32"
	850RD			850B	1/4"
				850C	9/32"
				850Z	Set of three blades
Large	851	28-1/2"	20"	851A	1/4"
	851RD			851B	9/32"
				851C	5/16"
				851Z	Set of three blades

RD — Right hand drive only

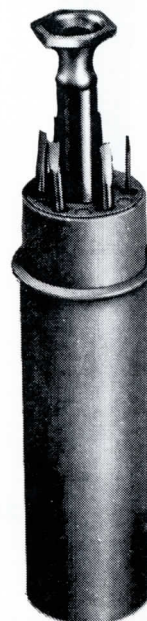
777/1 JEWELLERS SCREWDRIVER SET



SINGLE PACK

Supplied in fitted case, complete with Nos. 777A, B, C, D, E and F.

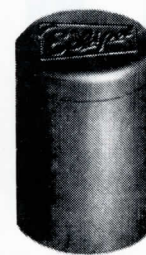
777/2 JEWELLERS SCREWDRIVER SET



INDIVIDUAL SCREWDRIVERS

777A — 0.025"
777B — 0.040"
777C — 0.055"
777D — 0.070"
777E — 0.085"
777F — 0.100"

PACKED IN 5



777/2
SINGLE PACK

Pocket set containing one screwdriver body and six interchangeable blades, with widths from 0.025 in to 0.100 in.

No.	Blade Width	No.	Blade Width
777A	0.025 in.	777D	0.070 in.
777B	0.040 in.	777E	0.085 in.
777C	0.055 in.	777F	0.100 in.

Eclipse tap wrenches and die holder

ECLIPSE TAP WRENCHES



E240



E241



E242

STANDARD BAR TYPES

Tap wrench cannot loosen on tap when in use.

No.	E240	E241	E242
Capacity:	1/4"	1/4"-1/2"	5/16"-5/8"
Pack	5	1	1



244



245

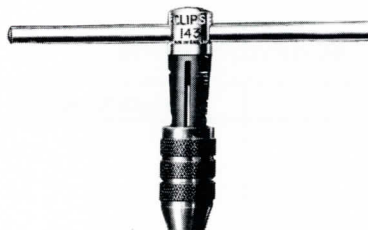


246

SUPER TYPE

The operating nut, clear of the end of the wrench, eliminates inadvertent loosening.

No.	244	245	246
Capacity:	0-10	1/4"	1/4"-1/2"
Pack	10	1	1



CHUCK TYPE TAP WRENCHES

(Single Pack)



Normal Types

No.	E141	E142	E143
Capacity:	1/8"	3/16"-1/4"	1/4"-1/2"

Long Reach Types

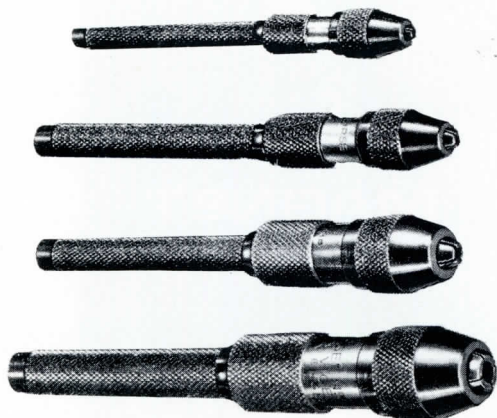
No.	E145	E146
Capacity:	3/16"-1/4"	1/4"-1/2"

DIE HOLDER (5 Pack)



E115 Forged Steel. Holding capacities 13/16". Three adjusting screws for holding any type of die.

pin vices, pin chucks and calipers



PIN VICES (Chuck Type)

Chuck-type for holding round material.

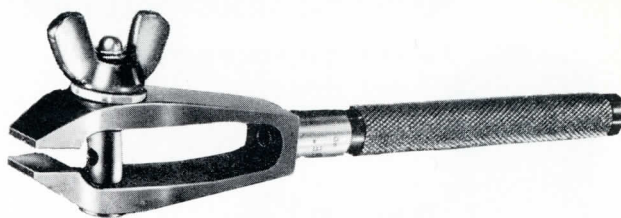
No.	Capacity	Pack
121	0-.04"	10
122	.03-.062"	10
123	.055-.122"	10
124	.122-.196"	10
120	Set of four	



PIN CHUCKS (with interchangeable collets)

Designed for holding small drills in a drilling machine.
Three interchangeable collets.

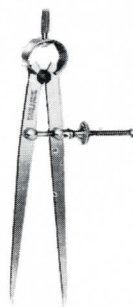
No.	Capacity	
161	0-1/32"	Single pack
162	1/32-1/16"	Single pack
163	1/16-3/32"	Single pack
160	Chuck with three collets.	



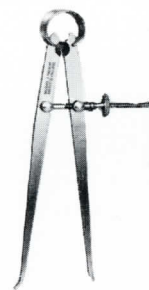
PIN VICE (Open-Jaw)

Designed for holding small tools and material.

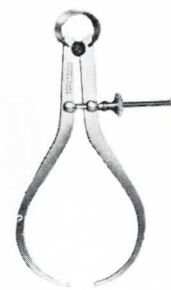
No. 110 Capacity: 0-.187" Pack: 10



50



51



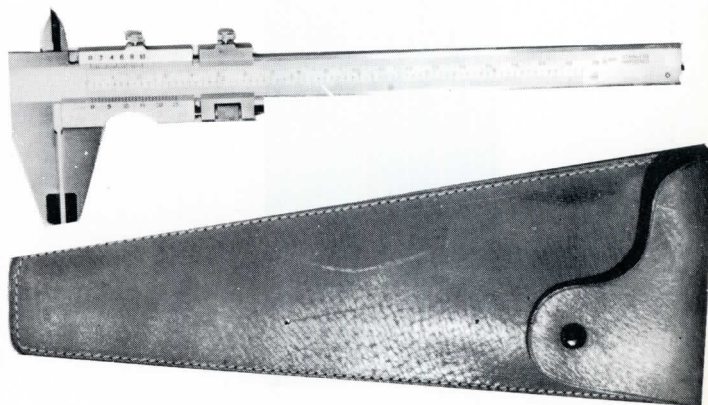
52

CALIPERS AND DIVIDERS (Spring type)

Spring Type:	Dividers	Inside Calipers	Outside Calipers	Pack
Solid Nut	50	51	52	5
Quick-acting Nut	53	54	55	5

Sizes Available: 3, 4, 6, 8, 10, 12 inches.

VERNIER CALIPER



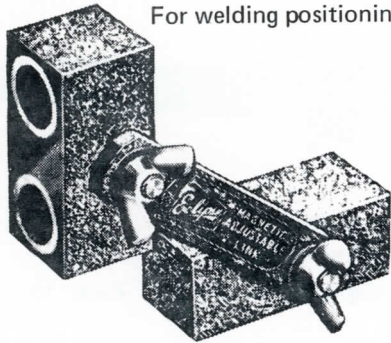
Satin chrome steel construction inside and outside measurement graduated in 1/20mm and 1/1000 of an inch.

No. 960001	With fine adjustment. Single Pack
No. 960014	With thumb lock. Single Pack

Eclipse magnets

MAGNETIC ADJUSTABLE LINK

For welding positioning and assembly.



No.	Length	Width	Pack
920	5-1/32"	2"	Single

MAGNETIC RUBBER STRIP

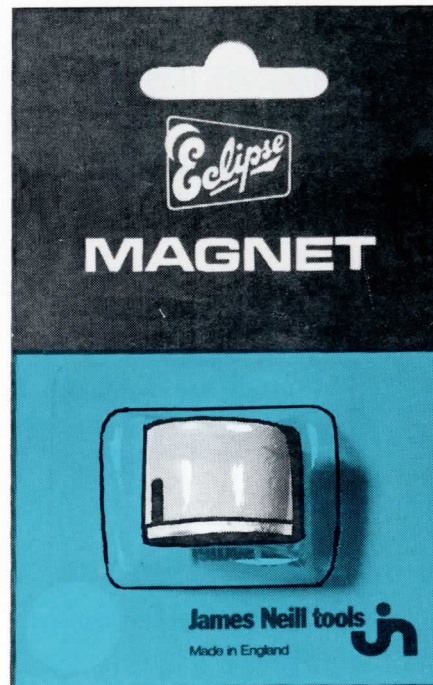


888

No.	Width	Length	Pack
880	3/8"	144"	Single
888	3/8"	2" x 7 3/4"	5

CATALOGUE NO. 888 IS ADHESIVE BACKED.

ECLIPSE Magnetic Strip is a permanent magnet material that is soft and flexible. It can be cut with a knife.



PRE-PACKED MAGNETS

All popular size magnets are available in colourful Blister-Pack cards, designed for self-service merchandising.

MINOR MAGNET



No. E801 7/8" 7/16" 5/16" 10 Pack

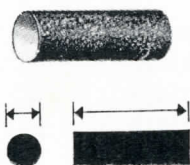
POCKET MAGNETS



No. E802 7/8" 1" 5/16" 10 Pack

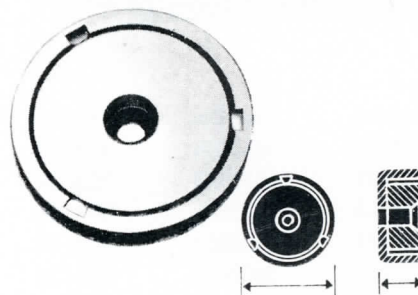
Eclipse magnets

CYLINDRICAL BAR MAGNETS



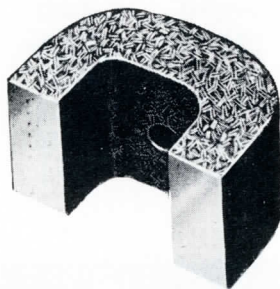
No. E805	3/4"	7/32"	5 Pair
No. E806	1"	5/16"	5 Pair
No. E807	1-7/32"	3/8"	5 Pair

SHALLOW POT MAGNETS



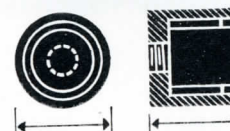
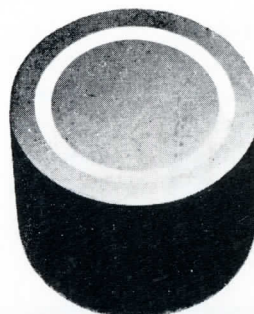
No. 826	3/4"	5/16"	10 Pack
No. 827	1-1/8"	11/32"	10 Pack
No. 828	1-1/2"	13/32"	5 Pack

POWER MAGNETS



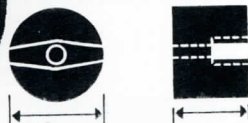
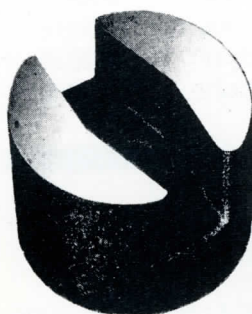
No. 811	1-3/16"	3/4"	3/4"	5 Pack
No. 812	1-9/16"	1"	1"	5 Pack
No. 813	1-3/4"	1-3/16"	1-3/16"	5 Pack
No. 814	2-1/4"	1-3/8"	1-3/4"	Single
No. 815	2-3/4"	1-5/8"	2-1/4"	Single
No. 816	3-1/8"	2-1/8"	3-1/4"	Single

POT MAGNETS



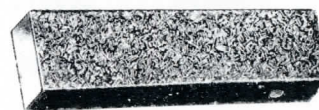
No. 831	11/16"	5/8"	10 Pack
No. 832	13/16"	3/4"	10 Pack
No. 833	1-1/16"	1"	5 Pack
No. 834	1-3/8"	1-3/16"	5 Pack

BUTTON MAGNETS



No. E821	1/2"	3/8"	10 Pack
No. E822	3/4"	1/2"	10 Pack
No. E823	1"	5/8"	10 Pack
No. E824	1-1/4"	1"	5 Pack

RECTANGULAR BAR MAGNETS



No. E842	2"	5/8"	3/8"	5 Pair
No. E843	3"	5/8"	3/8"	5 Pair
No. E844	3/4"	3/8"	3/16"	5 Pair
No. E845	1-9/16"	1/2"	3/16"	5 Pair
No. E846	2-3/8"	19/32"	3/16"	5 Pair

Stubs engineers files



HAND

Length	Bastard	2nd Cut	Smooth
4 in.	302520	302805	303011
6 in.	302601	302818	303024
8 in.	302614	302821	303105
10 in.	302627	302902	303118
12 in.	302708	302915	303121
14 in.	302711	302928	303202



FLAT

Length	Bastard	2nd Cut	Smooth
4 in.	301123	301408	301615
6 in.	301204	301411	301628
8 in.	301217	301424	301709
10 in.	301220	301505	301712
12 in.	301301	301518	301725
14 in.	301314	301521	301806



PILLAR

Length	Bastard	2nd Cut	Smooth
6 in.	305019	305129	305307
8 in.	305022	305200	305310



WARDING

Length	Bastard	2nd Cut	Smooth
4 in.	308825	309002	309112
5 in.	308906	309015	—
6 in.	308919	309028	309125
8 in.	308922	309109	309206



ROUND

Length	Bastard	2nd Cut	Smooth
4 in.	305611	305909	306128
5 in.	305624	305912	—
6 in.	305705	305925	306212
8 in.	305718	306005	306225
10 in.	305721	306018	306306
12 in.	305802	306021	306319
14 in.	305815	306102	306322



HALF ROUND

Length	Bastard	2nd Cut	Smooth
4 in.	301822	302106	302313
6 in.	301903	302119	302326
8 in.	301916	302122	302407
10 in.	301929	302203	302410
12 in.	302009	302216	302423
14 in.	302012	302229	302504



SQUARE

Length	Bastard	2nd Cut	Smooth
4 in.	306403	306623	306827
6 in.	306429	306704	306908
8 in.	306500	306717	306911
10 in.	306513	306720	306924
12 in.	306526	306801	307004
14 in.	306607	—	—



THREE SQUARE

Length	Bastard	2nd Cut	Smooth
4 in.	308126	308401	308618
6 in.	308210	308427	308720
8 in.	308223	308508	308715
10 in.	308304	308511	308728
12 in.	308317	308524	308809



KNIFE

Length	Bastard	2nd Cut	Smooth
4 in.	303228	303406	303516
6 in.	303309	303419	303529
8 in.	303312	303422	303600



ALL PURPOSE (MAGNETO)

Length 3½ in. NO. 304104



R5 FARMER'S OWN

Length		
8 in.	305420	2nd Cut
10 in.	305501	2nd Cut

Stubs saw files and needle files



TAPER SAW

Length	Regular	Slim	Extra Slim
4 in.	307211	307509	307716
4½ in.	307224	307512	307729
5 in.	307305	307525	307800
6 in.	307318	307606	307813
7 in.	307321	307619	307826
8 in.	307402	307622	307907
10 in.	307428	—	—



MILL

Length	Bastard	2nd Cut	Smooth
6 in.	304117	304308	304421
8 in.	304120	304311	304502
10 in.	304201	304324	304515
12 in.	304214	304405	304528
14 in.	304227	—	—



BANDSAW

Length: 6 in.	No. 300629	2nd Cut
Length: 8 in.	No. 300700	2nd Cut



CHAINSAW

Length: 8 x 7/32 in.	No. 300917	Smooth
Length: 8 x 1/4 in.	No. 300920	Smooth



DOUBLE END SAW

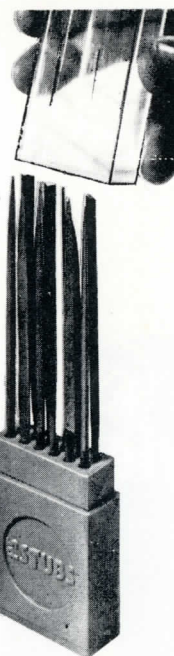
Length: 7 in.	No. 308016	2nd Cut
Length: 8 in.	No. 308029	2nd Cut



CROSSCUT

Length: 6 in.	No. 301026	2nd Cut
Length: 8 in.	No. 301107	2nd Cut
Length: 10 in.	No. 301110	2nd Cut

PACK OF ASSORTED SHAPES



Set of all 12 shapes of Needle Files in Plastic Box with Transparent Cover.

Length	Cut	No.	Pack
14cm (5½ in.)	2	309222	Single
16cm (6¼ in.)	2	309523	Single



Set of all 12 shapes of Needle Files in Plastic Wallet.

Length: 14cm (5½ in.)	Cut: 2	No. 309426	Single Pack
Length: 16cm (6¼ in.)	Cut: 2	No. 309714	Single Pack

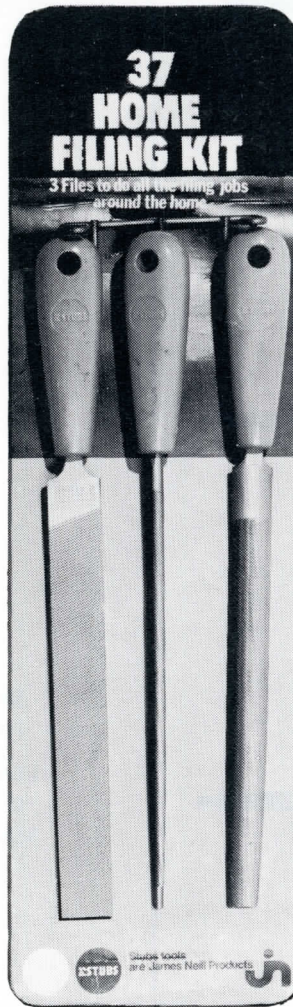
Set of 6 shapes of Needle Files in Plastic Wallet comprising one each Round, Threesquare, Hand, Square, Warding, Half Round.

Length: 14cm (5½ in.)	Cut: 2	No. 309329	Single Pack
Length: 16cm (6¼ in.)	Cut: 2	No. 309620	Single Pack

Stubs file merchandisers

37

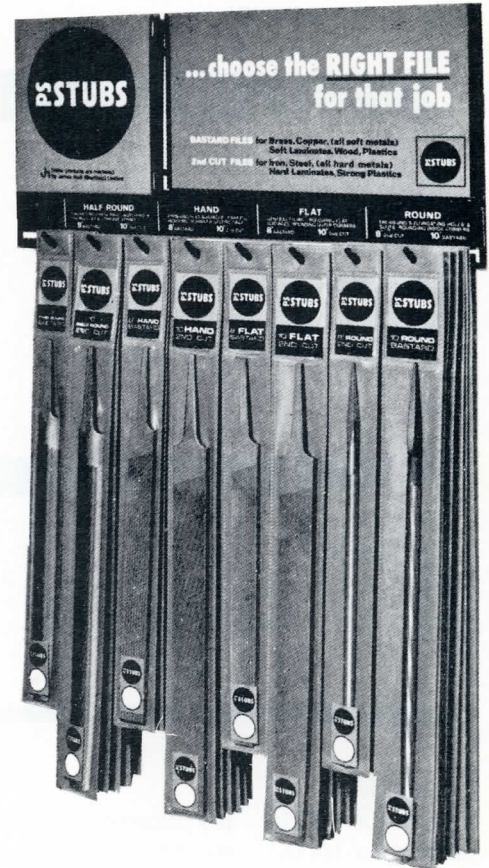
PSA4



SINGLE PACK

300001 Stubs Home Filing Kit containing 3 Files, Dualcut, Round and Half-Round complete with handles, a Storage Rack.

PSA3



300014 Nine pronged wire dispenser with header complete with six each of the following Engineers' Files.

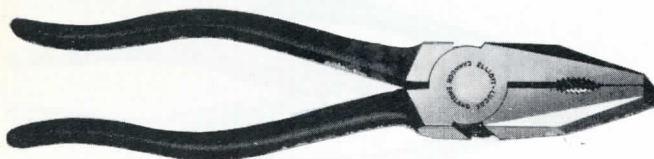
300519 Three pronged wire dispenser with plastic header complete with five each of the following 8 in. Handled Files.

Type	Cut	No.
Half round	2nd Cut	300603
Round	2nd Cut	300616
Hand	Dual Cut	300522

Type	Length	No.
Hand	8 in. Bastard Cut	300108
	10 in. 2nd Cut	300124
Half Round	8 in. Bastard Cut	300218
	10 in. 2nd Cut	300302
Round	8 in. Bastard Cut	300412
	8 in. 2nd Cut	300506
Flat	8 in. Bastard Cut	300315
	10 in. 2nd Cut	300328

Refill packs for PSA-3 (300014) and PSA-4 (300519) merchandisers are available and may be ordered by quoting individual catalogue numbers. Available in single packs.

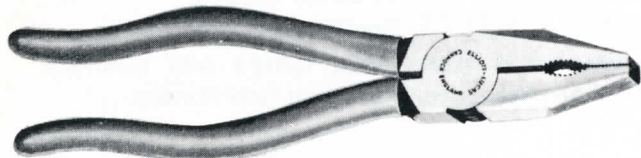
pliers



ENGINEERS PLIERS

Sizes — 5 in., 6 in., 7 in., 8 in., 10 in.

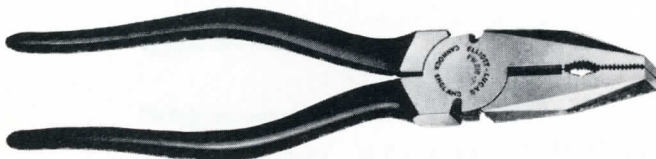
PW216 Side cutting with pipe grip and two joint cutters. Polished Head, Chemically Blacked Handles.



ELECTRICIANS PLIERS

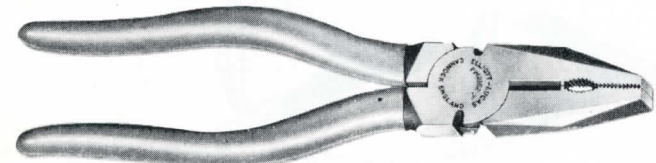
Sizes — 5 in., 6 in., 7 in., 8 in., 10 in.

PW2162 Side cutting with pipe grip and two joint cutters. Polished Head, Red PVC 'Velvet Grip' Handles.



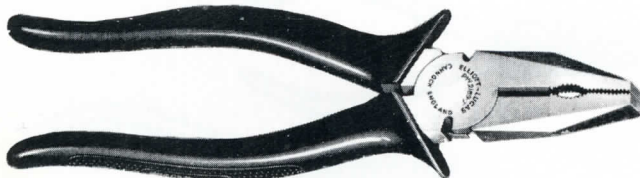
ENGINEERS PLIERS Sizes — 6 in., 7 in., 8 in.

PW138 Side cutting with pipe grip. Polished Head, Chemically Blacked Handles.



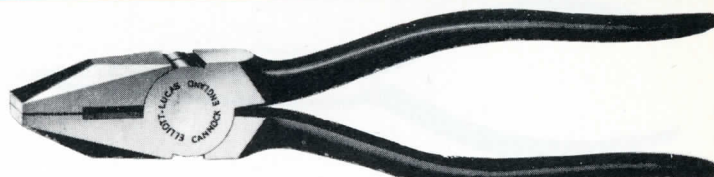
ELECTRICIANS PLIERS Sizes — 6 in., 7 in., 8 in.

PW1382 Side cutting with pipe grip. Polished Head, Red PVC 'Velvet Grip' Handles.



ELECTRICIANS PLIERS Sizes — 6 in., 7 in., 8 in.

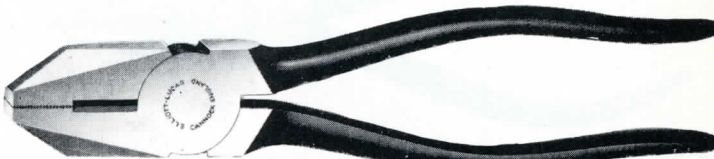
PW2169 Heavy Duty, side cutting with pipe grip and two joint cutters. Polished Head, Black PVC non-slip insulated Handles. Tested to withstand 10,000 volts.



LINEMAN'S PLIERS Sizes — 6 in., 7 in., 8 in.

PW54 Side cutting, Polished Head. Chemically Blacked Handles.

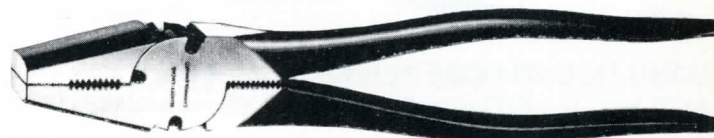
PW542 Side cutting Polished Head, Red PVC 'Velvet Grip' Handles.



LINEMAN'S PLIERS Sizes — 8 in.

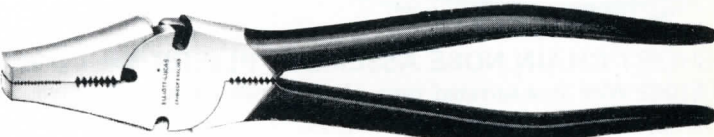
PW954 Heavy Duty, side cutting Polished Head. Chemically Black Handles.

PW9542 Heavy Duty side cutting, Polished Head. Red PVC 'Velvet Grip' Handles.



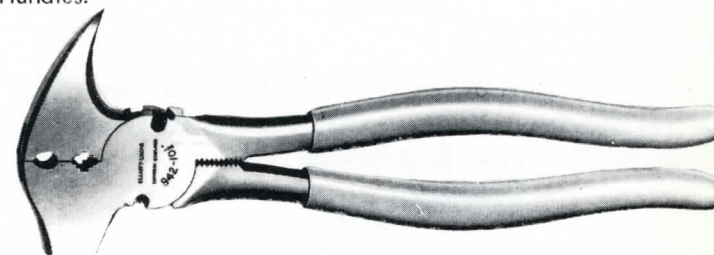
FENCING PLIERS Sizes — 8 in., 10 in.

A100 Heavy Duty, three joint cutters, wire drawer, gripper and strainer High Tensile Quality, Polished Head, Chemically Blacked Handles.



FENCING PLIERS Sizes — 10 in., 12 in.

A153 Three joint cutters, wire drawer gripper and strainer. High Tensile Quality. Polished Head, Chemically Blacked Handles.

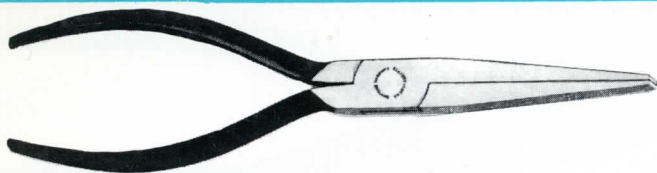


FENCING TOOL Size — 10½ in.

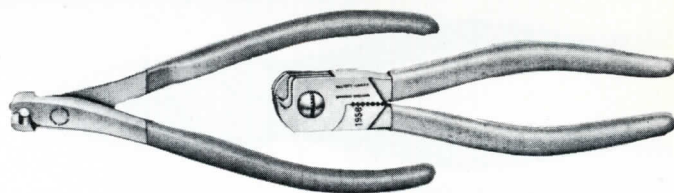
A942 With pick and staple puller, hammer head, wire splicer, wire strainer and two joint cutters. High tensile quality, polished head. Red PVC 'Velvet Grip' handles.

A94 As above. Chemically blacked handles.

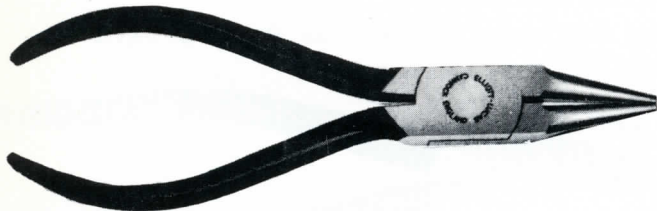
pliers, strippers, cutters and croppers



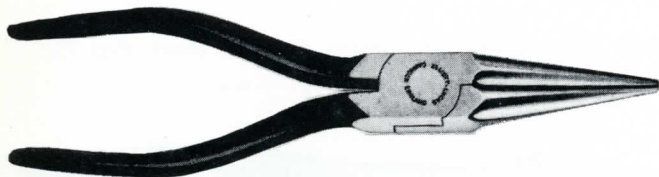
LONG FLAT NOSE WEAVERS PLIERS Size – 7½ in.
A109 With plain jaws. High Tensile Quality. Polished Head, Chemically Blacked Handles.



CLINCHING PLIERS Size – 8 in.
5824 Used by Animal and Bird Breeders for bending 'C' clips around Weld-Mesh Wire. Polished Head, Red PVC 'Velvet Grip' Handles.



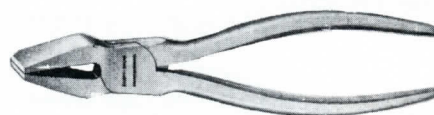
ROUND NOSE PLIERS Sizes – 5 in., 6 in.
A147 High Tensile Quality. Polished Head, Chemically Blacked Handles.



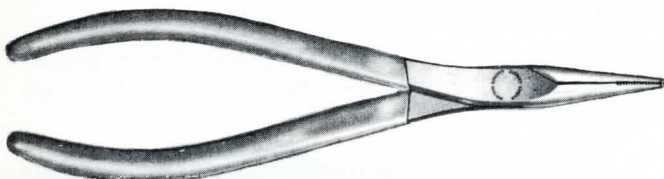
LONG ROUND NOSE PLIERS Size – 6½ in.
A110 High Tensile Quality Polished Head, Chemically Blacked Handles.



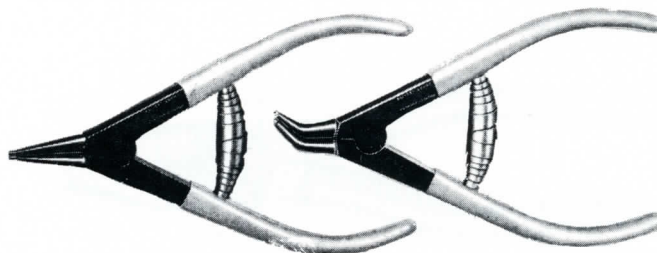
CABLE CROPPERS Sizes – 8 in., 10 in.
1968 High Tensile Quality, Polished Head, Red PVC 'Velvet Grip' Handles.



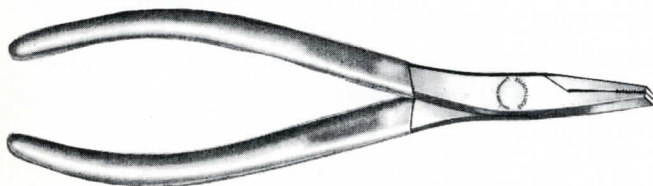
GLASS PLIERS Sizes – 8 in., 10 in.
A1014 Lightly serrated jaws. Plain if required. High Tensile Quality. All Bright Finish.



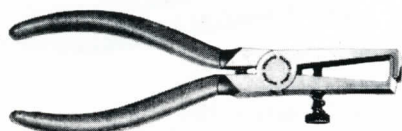
SHORT CHAIN NOSE ASSEMBLY PLIERS Size – 8 in.
A1082 With fine serrated jaws. High Tensile Quality. Polished Head, Red PVC 'Velvet Grip' Handles.



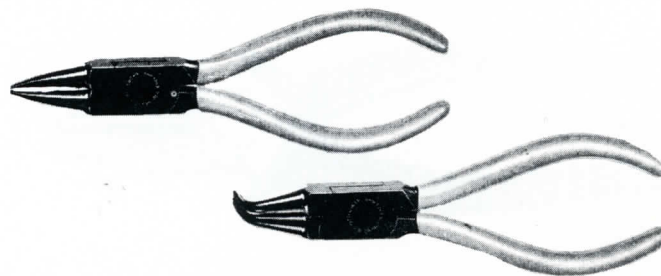
CIRCLIP PLIERS External Size – 6 in.
A130 Straight Nose A132 Bent Nose
Natural Black with Red PVC 'Velvet Grip' Handles.



SHORT FLAT NOSE ASSEMBLY PLIERS Size – 8 in.
A1142 With fine serrated jaws. High Tensile Quality. Polished Head, Red PVA 'Velvet Grip' Handles.

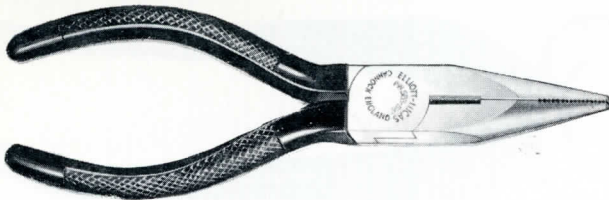


END WIRE STRIPPERS Size – 6 in.
1951 Multi-adjustments are obtained by means of side screw, with opening spring. High Tensile Quality. Polished Head, Red PVC 'Velvet Grip' Handles



CIRCLIP PLIERS Internal Size – 6 in.
A131 Straight Nose A133 Bent Nose
Natural Black with Red PVC 'Velvet Grip' Handles.

pliers



LONG CHAIN NOSE or RADIO PLIERS

Sizes — 5½ in., 6½ in.

Side cutting with serrated jaws.

PW58 Polished Head, Chemically Blacked Handles.

PW582 Polished Head, Red PVC 'Velvet Grip' Handles.

PW583 Polished Head, Black Knurled Insulated Handles.

Tested to withstand 10,000 volts.

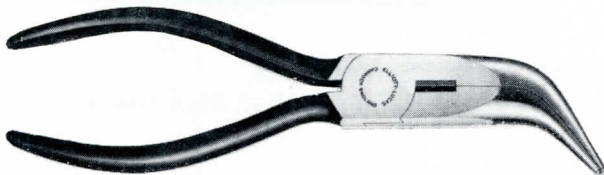


LONG CHAIN NOSE PLIERS Size — 8 in.

Side cutting with serrated jaws. Ultra Tensile Quality.

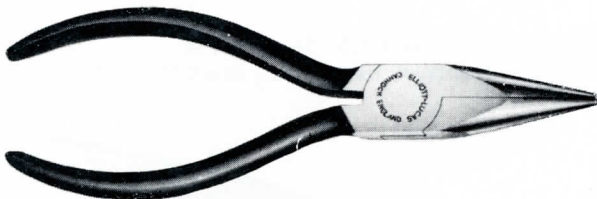
PW106 Polished Head, Chemically Blacked Handles.

PW1062 Polished Head, Red PVC 'Velvet Grip' Handles.



BENT LONG CHAIN NOSE PLIERS Size — 8 in.

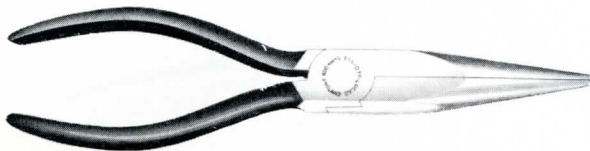
PW107 Nose bent to an angle of 45°, approx. 6 in. to angle. Polished Head, Chemically Blacked Handles.



SHORT CHAIN or SNIPE NOSE PLIERS

With fine serrated jaws. High tensile Quality.

A151 Polished Head, Chemically Blacked Handles.



LONG CHAIN or SNIP NOSE PLIERS

Sizes — 6½ in., 8 in.

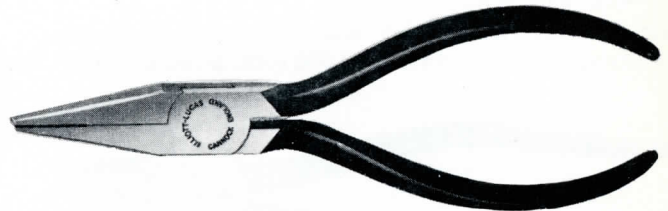
A154 Polished Head, Chemically Blacked Handles.



LONG NEEDLE NOSE PLIERS Size — 6½ in.

A155 High Tensile Quality. Polished Head, Chemically Blacked Handles.

PW156 — Side cutting, High Tensile Quality. Polished Head, Chemically Blacked Handles.



FLAT NOSE PLIERS Sizes — 5 in., 6 in.

A161 With serrated jaws. High Tensile Quality. Polished Head, Chemically Blacked Handles.



SLIP JOINT PLIERS Size — 6½ in.

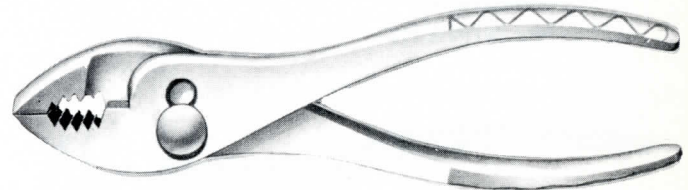
With Knurled Handles. High Tensile Quality.

A611 Thin Nose. Plated finish.



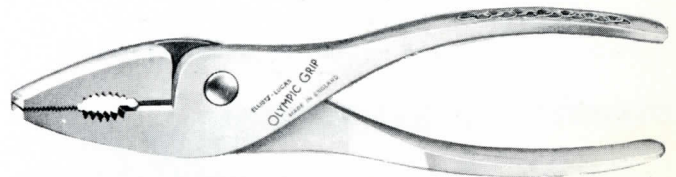
SLIP JOINT PLIERS Size — 6½ in.

A601 Bent Thin Nose. Plated finish.



SLIP JOINT PLIERS Sizes — 6½ in., 8 in., 10 in.

A791 Plated finish.



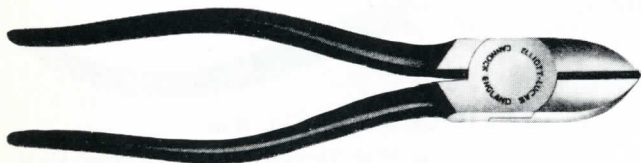
SLIP JOINT PLIERS Size — 7½ in.

PW2306 'Olympic Grip', Heavy Duty, side cutting with pipe grip. Chrome Plated Finish.

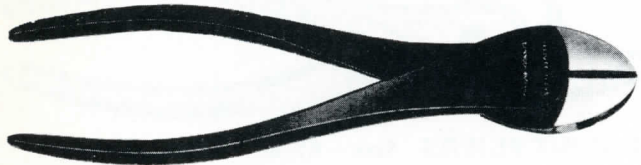
pincers, parers, punches and nippers



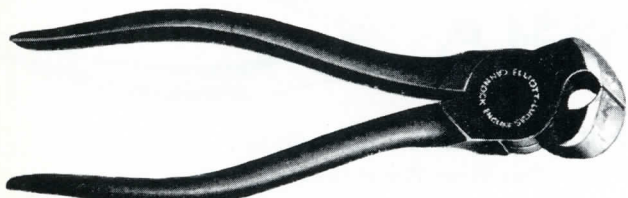
DIAGONAL CUTTING NIPPERS Ultra Tensile Quality
PW77 Polished Head, Chemically Blacked Handles.
PW772 Polished Head, Red PVC 'Velvet Grip' Handles.
 Sizes — 4 in., 5 in., 6 in.
PW773 Polished Head, Black Knurled Insulated Handles.
 Insulated and tested to withstand 10,000 volts. Sizes: 5" and 6".



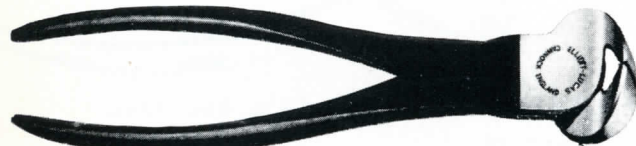
DIAGONAL HEAVY DUTY Size — 7½ in.
PW56 Polished Head. Chemically Blacked Handles.
PW562 Polished Head, Red PVC 'Velvet Grip' Handles.



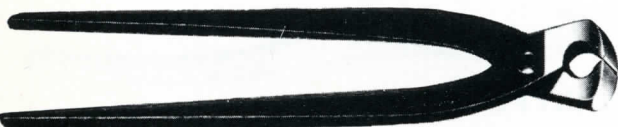
DIAGONAL HIGH LEVERAGE Sizes — 6 in., 7 in.
PW145 Polished Head, Chemically Blacked Handles.
PW1452 Polished Head, Red PVC 'Velvet Grip' Handles.



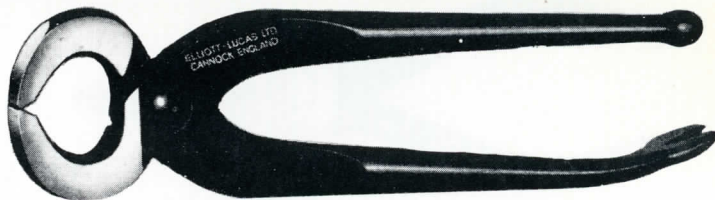
END CUTTING NIPPERS Sizes — 5 in., 6 in.
 Ultra Tensile Quality
PW62 Polished Head, Chemically Blacked Handles.



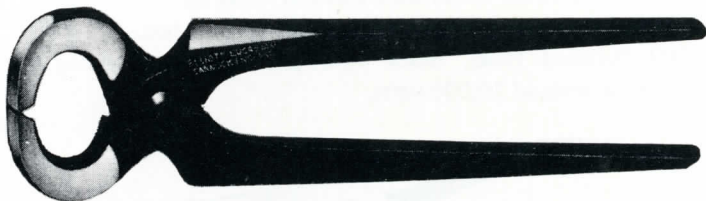
PW96 Heavy Duty, Finish as above. Sizes — 6 in., 7 in.
C96 As PW96 but heat treated specially for concrete fixers. 7".



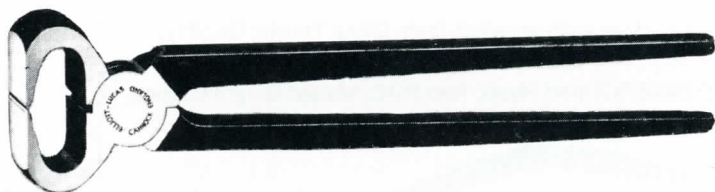
PW35 Bevelled cutting edges. Polished Head, Chemically Blacked Handles. Size — 9 in.



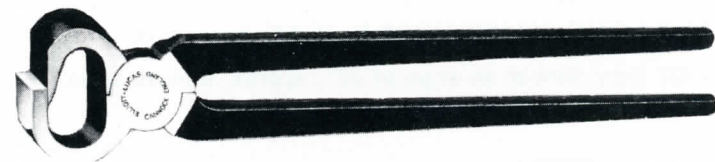
CARPENTERS KNOB AND CLAW PINCERS
B80 with bevelled cutting edges. Polished Head, Black Handles. Sizes — 6 in., 7 in., 8 in., 10 in.



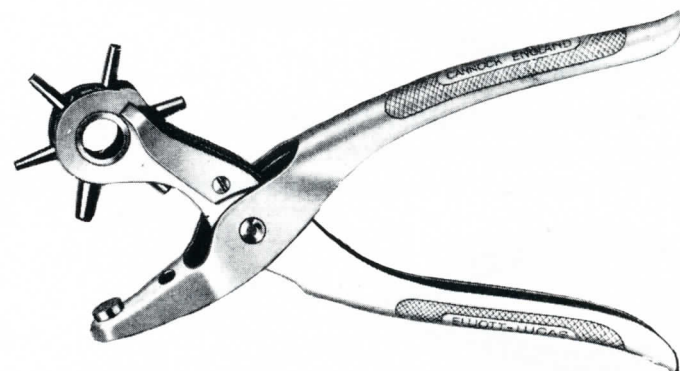
CARPENTER SHOULDERED PINCERS
 Sizes — 7 in., 8 in.
B83 With bevelled cutting edges. Polished Head, Black Handles.



FARRIERS PINCERS Size — 14 in.
A37 High Tensile Quality. Polished Head, Black Handles.

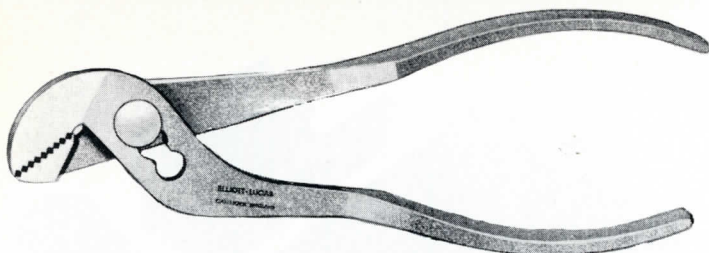


FARRIERS HOOV PARERS Size — 14 in.
A38 High Tensile Quality. Polished Head, Black Handles.



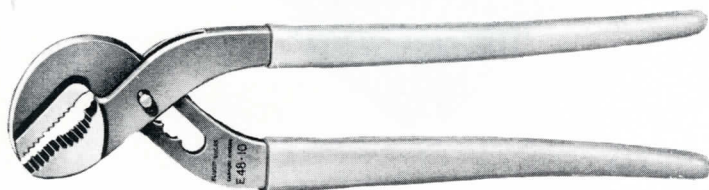
REVOLVING PUNCH PLIERS Size — 8 in.
A223 Plated 6 punches. 5/64", 3/32", 7/64", 1/8", 5/32", 3/16".
A223A As above but with gauge.

adjustable slip joint pliers



ADJUSTABLE SLIP JOINT PLIERS Size — 5 in.

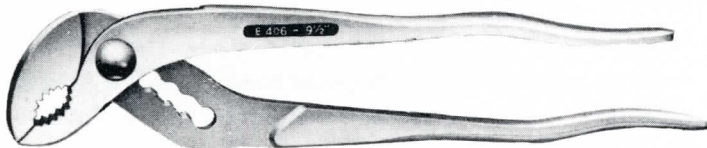
E167 Three adjustments. High Tensile Quality, Alloy Steel, Chrome Plated.



WATER PUMP PLIERS Size — 10 in.

High Tensile Quality Alloy Steel.

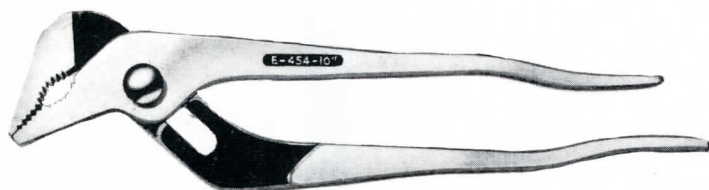
E48 Box Joint. Slip Joint with four adjustments. Polished Jaws, Red PVC 'Velvet Grip' Handles.



WATER PUMP PLIERS Size — 9 1/2 in.

E406 Slip Joint with six adjustments. With Pipe Grip. Knurled Handles Chrome Plated.

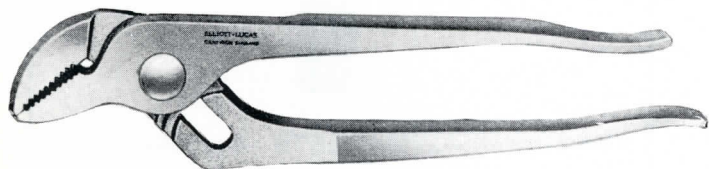
E416 As above but with straight Jaws.



GROOVE-GRIP WATER PUMP PLIERS Size — 10 in.

High Tensile Quality Alloy Steel.

E454 Slip Joint with four adjustments. With Pipe Grip. All Bright Finish.

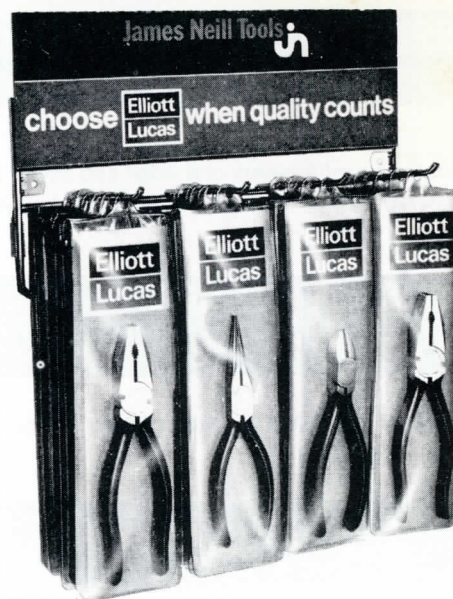


GROOVE-GRIP WATER PUMP PLIERS

Sizes — 7 in., 10 in., 12 in.

E466 Slip Joint with adjustment according to size. Straight Jaws. Chrome Plated finish.

sales dispensers



No. 12 Sales Assortment with Free Dispenser Comprising:

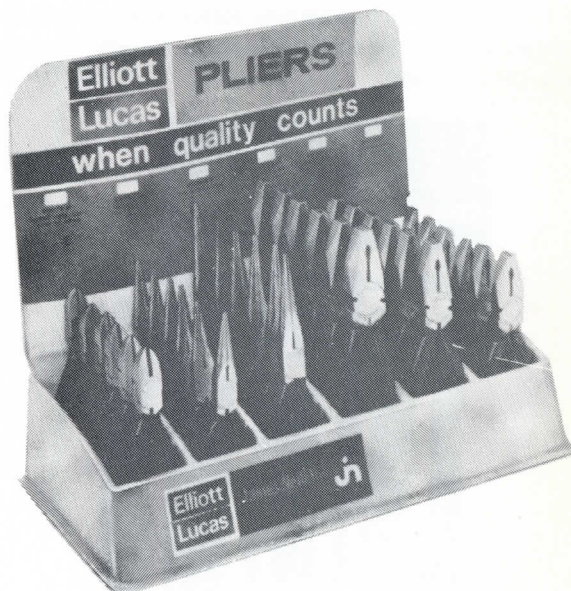
1 doz. . . PW2167" Engineers Pliers

1 doz. . . PW21627" Electricians Pliers

1 doz. . . PW5826 1/2" Radio Pliers

1 doz. . . PW7726" Diagonal Cutting Nippers

Refill packs for No. 12 — specify catalogue number.



No. 14 Sales Assortment with Free Dispenser Comprising:

1/2 doz. PW21626" Electricians Pliers

1/2 doz. PW21627" Electricians Pliers

1/2 doz. PW21628" Electricians Pliers

1/2 doz. PW10628" Snipe Nose Sidecutting Pliers

1/2 doz. PW5826 1/2" Snipe Nose Sidecutting Pliers

1/2 doz. PW7726" Diagonal Cutting Nippers

All with 'Velvet Grip' Handles.

Refill packs for No. 14 — specify catalogue number

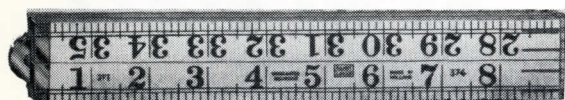
folding boxwood rules, tool boxes, mallets



174 Graduated in millimeters one edge and every 5mm other edge; numbered every 10mm on both sides. Length 1 meter. Width 35mm.



354 Graduated in inches in 8ths, 16ths, 10ths, and 12ths. Length 3 ft., width 1-9/16".



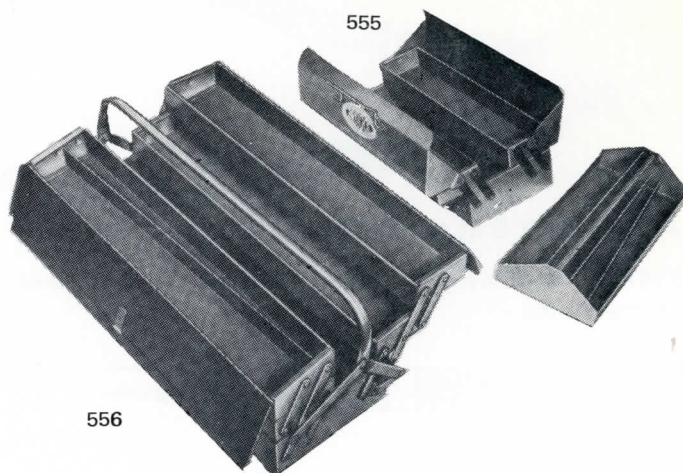
374 Blindman's marking graduated in inches, 8ths and 16ths. Length 3 ft., width 1-3/8".



1374 One side graduated in millimeters one edge and every 5mm other edge: numbered every 10mm; reverse side graduated in inches and 8ths Blindmans marking. Length 1 meter, 3 feet width, 35mm/1-3/8".



No. 15 Sales Assortment with Free Dispenser Comprising:
 1 doz.174Folding Boxwood Rules
 1 doz.1374Folding Boxwood Rules
 1 doz.354Folding Boxwood Rules
 1 doz.374Folding Boxwood Rules



CANTILEVER TOOL BOXES SINGLE PACK

No. 555 size 18-3/4" x 8-3/8" x 9-1/4"

Of three tier construction with single full-width lower compartment, two half-width hinged compartments and removable tote-tray.

No. 556 Overall size 23 1/2" x 8 1/4" x 8 1/2"

As above, with four half-width hinged compartments. Lid flaps fitted with piano type hinges and locking device. Tubular carrying handle.



PLASTIC HEAD MALLETS (Single Pack)

No. 683/8	Weight: 8 oz.	Replacement Heads No. 683/8H
No. 683/12	Weight: 12 oz.	No. 683/12H

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18	307224	7	410810	14	960014	16	E805	4	W1
18	307305	7	410823			16	E806	4	W2
18	307318	7	410904	5	A7P	16	E807	4	W3
18	307321	7	410917	23	A37	16	E821	4	W4
18	307402	7	410920	23	A38	16	E822	4	W5
18	307428	7	411000	20	A94	16	E823	4	W6
18	307509	7	411013	20	A100	16	E824		
18	307512	7	411026	21	A109	16	E842		
18	307525	7	411107	21	A110	16	E843		
18	307606	7	411110	21	A130	16	E844		
18	307619	7	411123	21	A131	16	E845		
18	307622	7	411217	21	A132	16	E846		
18	307716	7	411220	21	A133	17	FA3B		
18	307729	7	411301	21	A147	17	FA6C		
18	307800	7	411314	22	A151	4	FS70		
18	307813	7	411327	20	A153	4	M4/0		
18	307826	7	411408	22	A154	4	M3/0		
18	307907	7	411411	22	A155	4	M2/0		
		7	411424	22	A161	4	M1/0		
18	308016	7	411518	23	A223	4	M0		
18	308029	7	411521	23	A223A	4	M1		
17	308126	7	411602	22	A601	4	M2		
17	308210	7	411615	22	A611	4	M3		
17	308223	7	411628	22	A791	4	M4		
17	308304	7	411709	20	A-942	4	M5		
17	308317	7	411712	21	A1014				
17	308401	7	411725	21	A1082	3	MB1T		
17	308427	7	411806	21	A1142	3	MB51X		
17	308508	7	411819	5	B10P	7	NA5578		
17	308511	7	411835	23	B80	4	PS50		
17	308524	7	411848	23	B83	4	PS51		

